Clarksville MONTGOMERY COUNTY, TN

HOPKINSVILLE
CHRISTIAN COUNTY
K E N T U C K Y

Community Listening Session • January 20, 2015

Governor Bill Haslam State of Tennessee

Many Bears Grinder Tennessee Commissioner Veterans Affairs

Senator Dr. Mark Green Rep. Joe Pitts Rep. Curtis Johnson Rep. Jay Reedy State of Tennessee

COL (R) David E. Thompson Executive Director and Chair Kentucky Commission on Military Affairs

Kentucky Commission on Military Affairs, Office of the Governor



Estimated Annual Economic Impact of Army Force Structure Reductions Made in Kentucky between 2013 and 2015*

	Sales Volume	Income	State Tax Revenue	Employment
Loss of 3-1 IN Fort Knox	\$271,702,897	\$205,530,486	\$16,300,000	4,592
Loss of 159th CAB Fort Campbell	\$173,170,516	\$121,992,165	\$10,390,000	3,056

Total Loss

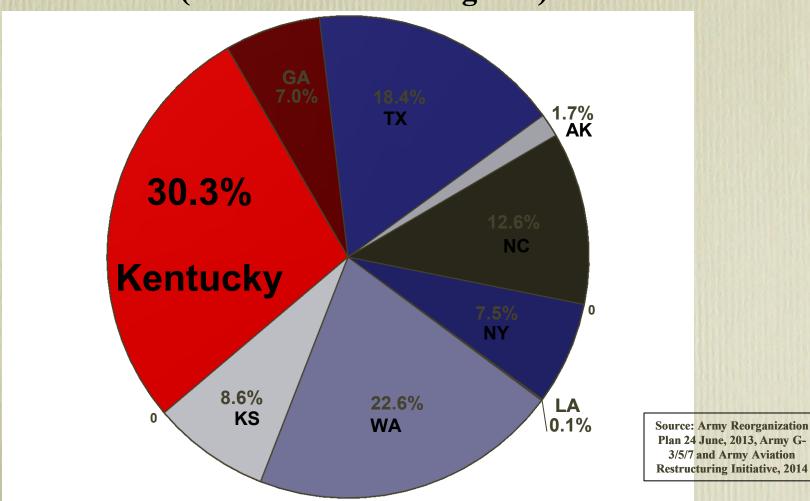
\$444,873,413 \$327,522,651

\$26,690,000

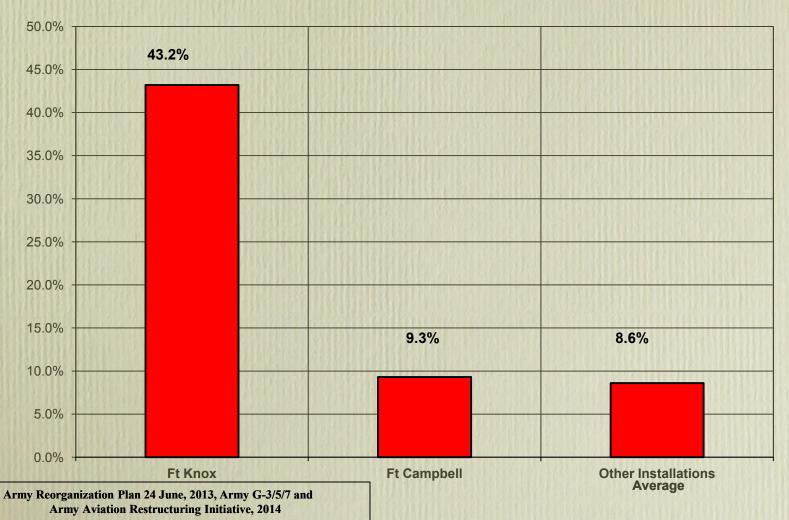
7,648

^{*}Regional Economic System data derived from Army 2020 Force Structure Realignment Programmatic Environmental Assessment, January 2013

State Proportions of FY13-15 Army Force Structure Cuts (BCT's and AVN Brigades)



FY13-15 Army Active Component Cuts Within Installations



Governor Steve Beshear State of Kentucky

Lt. Governor Crit Luallen State of Kentucky

Senator Mitch McConnell State of Kentucky

Senator Rand Paul State of Kentucky

Rep. Ed Whitfield State of Kentucky

Alison Lundergan Grimes Kentucky Secretary of State

Congressman Marsha Blackburn State of Tennessee

T.C. Freeman CASA



HOPKINSVILLE CHRISTIAN COUNTY K E N T U C K Y



Military Considerations

General (R) Gary E. Luck

Overview

- Strategic Implications
- Operational Issues
- Combat Operations Base Ft. Campbell

Jack Smith CW5 (R) Bob Huffman

Military Considerations

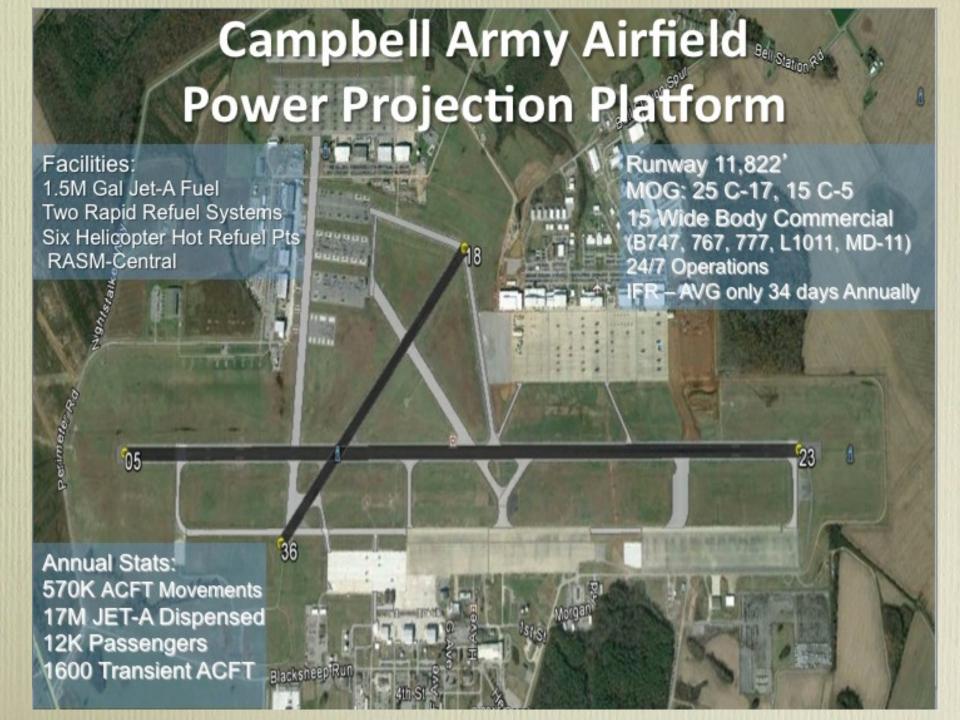
- Unique, Exceptional and Strategic Enablers for Deployability and Training of IBCTs
- CAAF
- SAHP
- Unrestricted Airspace
- Restricted Airspace
- Other aviation training areas
- UAS and MUM-T operations
- LZ,s DZ,s
- Aviation Maintenance
- The Challenge

Unique Army Aviation Capabilities that Enable Warfighting and IBCT Training

- 11th Air Assault, Developed, Tested, and Implemented Air Assault Doctrine
- Testing ground for new Aviation related tactics and weaponry, Developed
 Night Vision Goggle training and usage
- Joints Chief Staff Special Operations (160th SOAR, Delta, Seals and other Customers)
- Multi-Service special operations for airfield takedown, etc (supporting jamming, CV22, DA42, PC12 and EA6B aircraft operations, 160th SOAR Aerial Refueling Routes)

Unique Army Aviation Capabilities that Enable Warfighting and IBCT Training

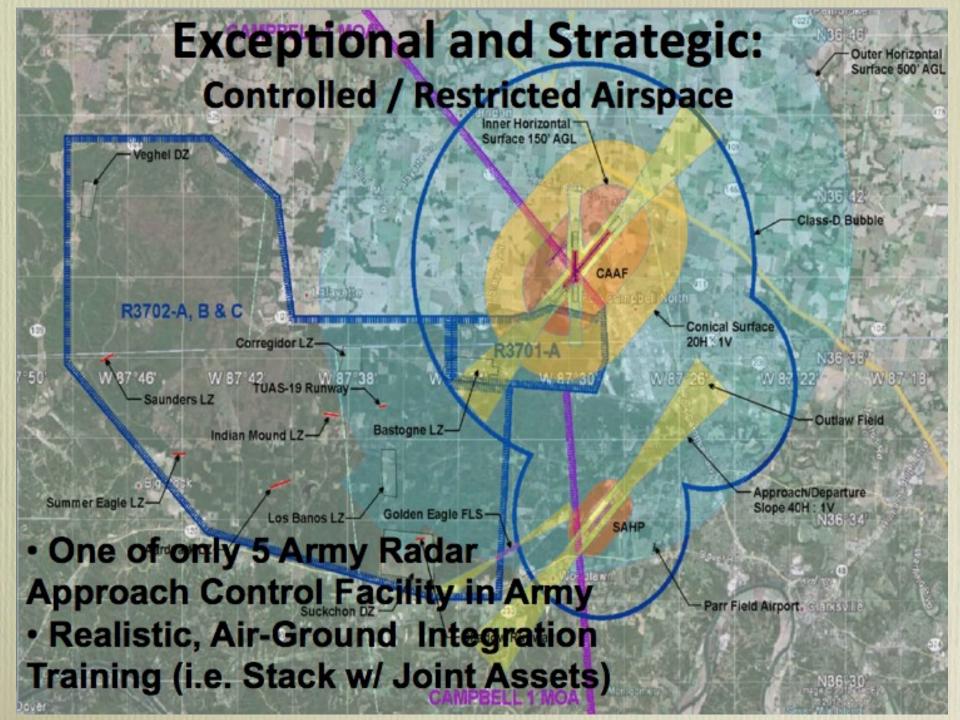
- •Gold Standard & Aviation Center of Excellence for Air Assault Operations
- Lessons learned Global War on Terrorism, Air-Ground Integration
- •101st Full Spectrum CAB Integrating UAS MUM-T
- ATC relationship with Memphis Center (FAA)
- Land Between the Lakes, Wendell Ford Training Center, Ft Knox
- Retention of Key Personnel and Community Support

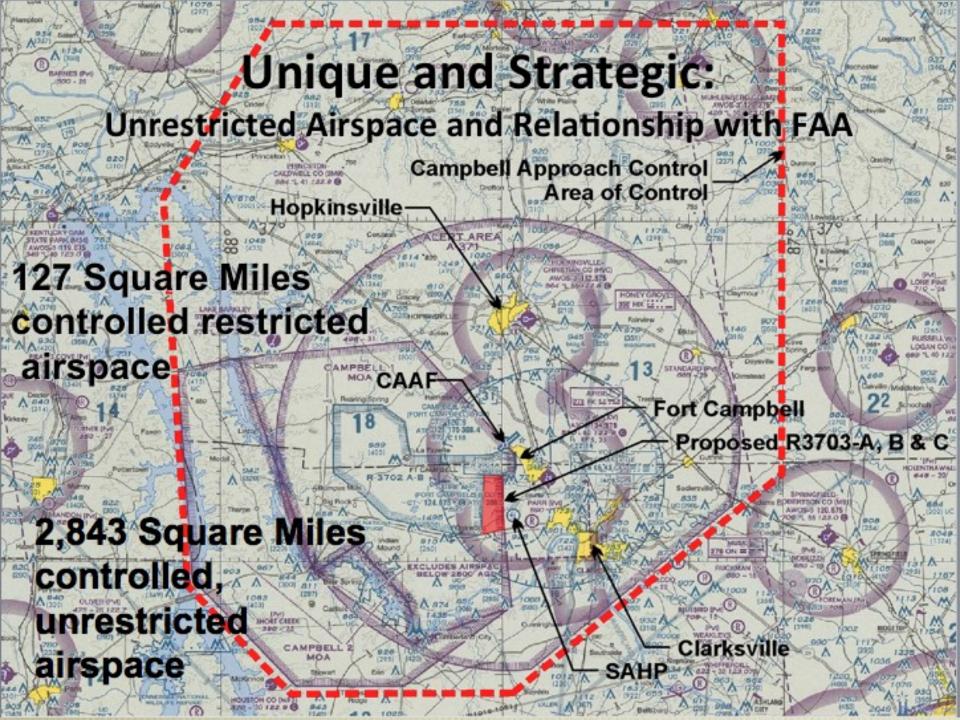


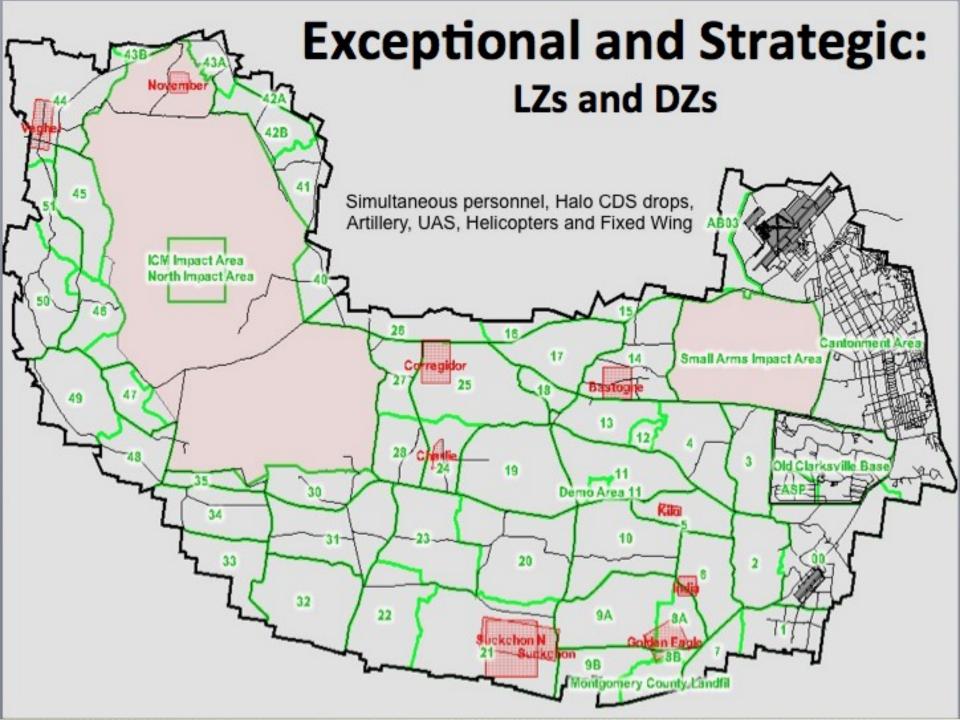


Exceptional and Strategic: Deployability and Training Resource

Airfield	Status	Runway Length	(Maximum on Ground)	Operating Hours	Remarks
Campbell AAF Ft Campbell	Power Projection Platform	11,822 x 200	C17-25, C5-17	24/7	Suitable all types aircraft, Fixed wing rapid refuel points, customs availabe (Limited Airport of Entry)
Sabre Army Heliport, Ft Campbell	Aviation Training Support	5,000 x 100	N/A	16/5	C17 Capable, can depoly from, limited amount of material handling & support equipment
Pope Field Ft Bragg	Power Generation Platform	7,501 x 150	C17-40, C5-25	24/7	Suitable for all types. Runway and several ramps in poor condition, some unusable to C130 or heavier ACFT. Aircraft parking extremely limited. Customs Available
Simmons AAF Ft Bragg	Power Support Platform	4,118 x 100	None Listed	0700-2300L M-F, 0700-1500L Sat-Sun OPS Only, Tower 0910-0100L M-F	C130, C17, C21, C27 Capable (No AMC missions in last two years) C17 limited to runway only
Wheeler Sack AAF Ft. Drum	Power Projection Platform	10,000 x 150	C17-21, C5-6	0900-2200L M-F	Suitable all types aircraft, customs avail, (Limited Airport of Entry), no fixed wing rapid refuel
Hunter AAF Ft Stewart	Power Projection Platform	11,375 X 200	C17-29, C5-17	OPS 24/7 with restrictions - Tower CLSD 2100L Fri to 0730L Mon	Suitable all types aircraft, Fixed wing rapid refuel points, No Customs, Fuel not avbl when tower closed.
Polk AAF Ft Polk	Aviation Training Support	4,109 x 100	N/A	0700-2300L M-F, 0700-1400L Sat-Sun, Tower 0700-2300L Mon-Sun	C17 OPS not authorized, limited C130 operations. Pavement conditions poor.
Butts AAF Ft Carson	Aviation Training Support	4,572 x 75	N/A	0600-2200L Mon-Sun, Base Ops 1400- 0600L Mon-Thu 1400-0500L Fri	Runway condition poor, not AMC Capable, VFR Only, No Customs
Marshall AAF Ft Reilly	Aviation Training Support	4,503 x 100	N/A	0700-2300L Mon-Fri	Limited primarily to rotorywing - C17 Capable, no customs
Lawson AAF Ft Benning	Aviation Training Support	10,000 x 150	C17-12, C5-9	OPS 24/7 with restrictions - Tower/GCA CLSD 2300L Fri to 0730L Mon	Limited parking for C17 due to pavement issues, no customs, refueling 0630-2300L Mon-Fri
Ladd AAF Ft Wainwright	Aviation Training Support	8,575 x 150	C17-Not Listed C5-1	0700-1700L Mon-Fri	Limited parking for C17 due to pavement issues. No ACFT De-Ice, No ground support equipment available. Multiple Arrival/departure restrictions. Limited refueling capability
Wheeler AAF Schofield Barracks, HI	Aviation Training Support	5,607 x 295	None Listed	0730-2300L Mon-Fri	No support for Fixed Wing, Hickman AFB located nearby. No Customs.
Gray AAF Ft Lewis	Aviation Training Support	6,125 x 150	None Listed	OPS 24/7, Tower closed Holidays	Limited Fuel Supply, no customs, JointBase Lewis-McChord, Customs Avail Limited Ramp Space
Robert Gray Ft Hood	Power Projection Platform	10,000 x 200	C17-7, C5-7	24/7	Suitable all type acft, No ACFT De-Ice capability, no Space A PAX, Limited Customs 72 hour Prior Notice
Biggs AAF Ft Bliss	Power Projection Platform	13, 572 x 150	C17-23, C5-12	0800 - 2400L 7 days	Suitable all types aircraft, refuel by truck only, Trans Alert only AVBL Mon-Sun 0600-2400L, No Customs



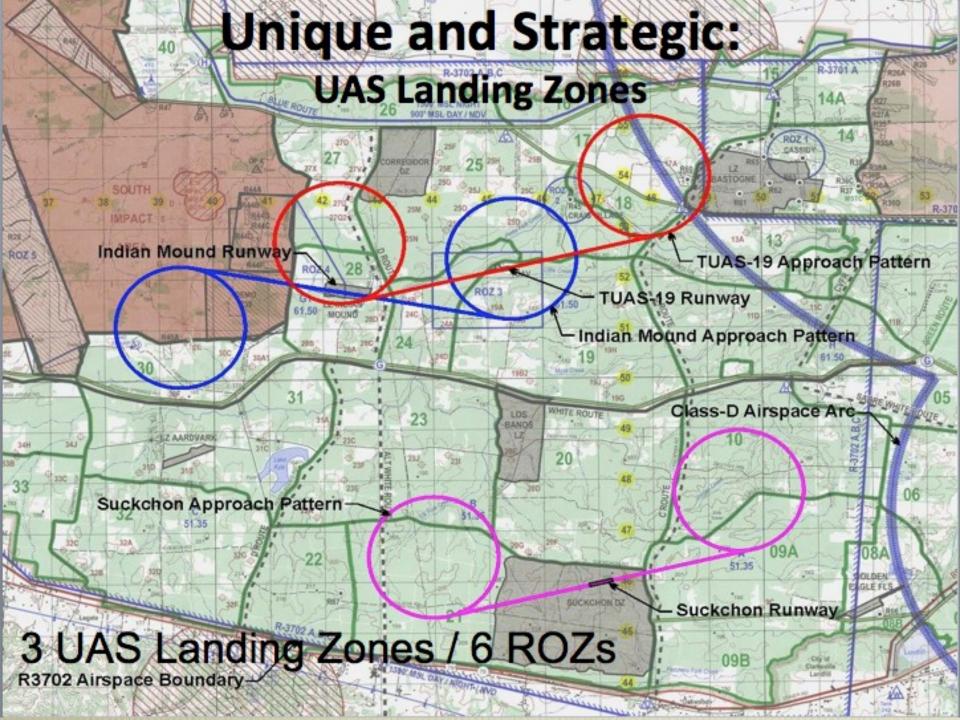




Unique, Exceptional and Strategic:

UAS Capability





Unique and Strategic: Regional Aviation Support Maintenance

- •Largest Aviation Reset / Maintenance Capability in the Army (AH64, UH60 A/L/M, CH47)
- Assist with Deployment and Port Operations
- •502 Contractors (mechanics, airframe and electronic technicians) w/ Resident Highly Technical Maintenance Expertise
- •Special Operations Command Support
- •All contribute to unique air-ground training capability
- •All due to the Community Support and Commitment

The Challenge

Colonel (R) Larry Ruggley

Overview

- Premier Training Installation Ground Operations
- Deployment capabilities Rail/Barge/Interstate
- Partnership Programs
- Joint Land Use Study (JLUS) Partnership
- Army Compatible Use Buffer (ACUB) Program
- Minimal Environmental Impact

Premier Training Installation

- Support 2 BCTs and CAB simultaneously and capable of supporting 3 IBCTs and 2 CABs through echeloned training
- Total Acreage is 112,476
- 64,491 Acres of Maneuver Land
- 26,627 Acres of Impact Area
- 53 Training Areas
- 24 Live Fire Maneuver Ranges, supporting fire teams to battalion operations
- 112 Ranges, 20 Urban Combat Training Sites w/122 Major Building
- Structures, 3 Drop Zones, 6 Landing Zones
- 10 Specialty Ranges: 2 x Advanced Driving Courses, FARPS, Demolition, Mine, Sniper & Indoor Firing Range
- 1 C130 Flight Landing Strip
- 1 Medical Simulation Treatment Center.
- 1 Unmanned Aerial Systems (UAS) training facility & 3 UAS runways.
- Minimal environmental restrictions that impact training historical sites, low number of endangered species.
- Additional Maneuver lands Land Between the Lakes and Wendell Ford Training Center

Power Projection - Rail/Barge/Interstate

Campbell Rail Operations Facility

- Track 18 miles on-post, 17 miles off-post
- Locomotives 3 each, 120 Ton locomotives
- Off-post rail connector interchange 100 cars with commercial carrier in 10 minutes (Interchange capability prior to connector was 100 cars in 10 hours)
- Campbell Rail Operation Facility (CROF)
 - Spot 200 railcars 10 ramps, 20 cars each, 18 spurs
 - Concrete staging area for 900+ pieces of rolling stock marked for 89 foot cars
 - Lighting for 24-hour operations
 - Concrete pad for staging and loading of containers
 - C2 Building, Maintenance Facility, Operations Building, Scale house, and Utilities
 - Used as staging area for Barge Operations

Barge

- Lock C on Cumberland River 20 miles from post
- Greater security than rail
- Moves at 7 kph 24/7
- Transport rolling stock, containers, and aircraft
- Provides competition against rail movement

Line Haul Operation

• Close proximity to Interstate System



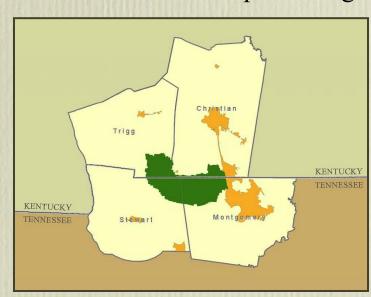
Joint Land Use Study (JLUS) Partnership

- Regional forum to promote coordinated land use planning and mutual cooperation between Fort Campbell and surrounding communities
- Partnership established in 1998 as a result of the 1996 Joint Land Use Study

Comprised of Fort Campbell Leadership and elected officials representing

twelve (12) local jurisdictions

Currently chaired by Montgomery County Mayor Jim Durrett



Successful Initiatives – JLUS Program

- Updated JLUS Study completed in 2010 with new recommendations to preserve the Night-Vision Device training environment around Fort Campbell
- All surrounding communities have signed MOUs with Fort Campbell to share information on all new land development projects near the installation
- Adoption of local regulations to protect Campbell Army Airfield (CAAF) and Sabre Army Heliport (SAH) from adverse encroachment
- State of KY adopted regulations to protect airspace around CAAF
- Active cooperation between the installation and local planning representatives

Army Compatible Use Buffer (ACUB) Program

- ACUB Program allows Fort Campbell and its partners to acquire conservation easements from willing sellers
- Preserves agricultural lands, natural habitat and open space
- Protects Fort Campbell's ability to train Soldiers and conduct air operations
- Highest priorities are the private lands immediately surrounding installation airfields and Live-Fire Ranges (approximately 12,000 acres)
- This program, in conjunction with other initiatives, enables unrestricted rotary wing and fixed wing

operations at installation airfields (CAAF & SAH)

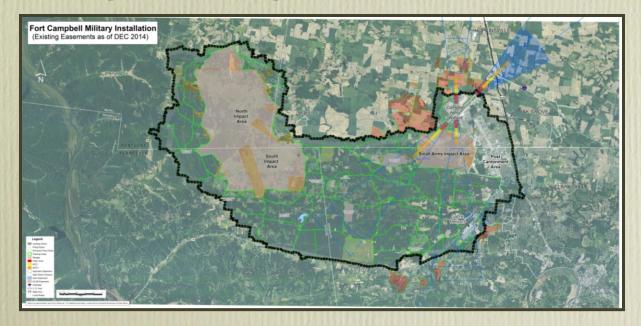
- Ft Campbell's ACUB Program approved by Army HQ in February 2006
- Three (3) ACUB Conservation Partners
- Land Trust for Tennessee
- Kentucky Department of Agriculture
- Compatible Lands Foundation



(ACUB Progress around Campbell Army Airfield)

Successful Initiatives – ACUB Program

- Over 6,000 acres in ACUB easements to date, 4,533 in KY and 1,468 in TN
- An additional 1,700 acres <u>under contract</u> near CAAF and scheduled to be completed this year
 - ACUB projects also underway in TN that will benefit several listed species
- Installation Priorities: CAAF, SAH and Ranges/Impact Area
- Approx. \$7M will be spent in FY15 to acquire new ACUB easements



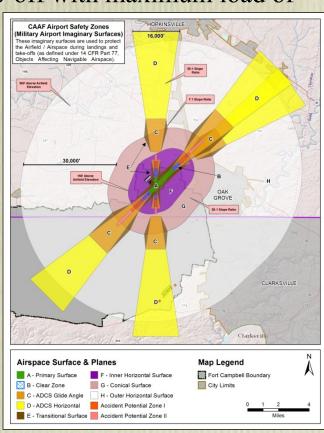
CAAF Encroachment Prevention Strategy

• Combined installation-community efforts to maintain CAAF's ability to operate 24/7/365. Also allows for Airforce Aircraft to take-off with maximum load of

fuel and cargo

• Strategy includes the protection of CAAF flight approaches, airspace and surrounding high noise areas using:

- ACUB Program
- JLUS/Local Regulations
- KY Airport Zoning
- Govt Acquisition (Avigational Easements, etc)



Minimal Environmental Impact

- Few Environmental Restrictions No Impact to Training
- Two endangered species, the Indiana and gray bat:
 - Removal of trees or limbs is restricted to times of year when bat is not present (NOV – MAR)
- 131 known cemeteries on-post, of which 128 are located within range and training areas
 - 109 of the cemeteries have been fenced and marked
 - Cemeteries are not an impediment to training; the fencing serves to protect the grave sites from inadvertent damage caused by unit movement or training
- No additional environmental restrictions anticipated in the foreseeable future

Pete Reed Director Bi-County Solid Waste Management

- Land swap for future landfill space.
- Original Landfill is located on previous Fort Campbell property
- Bi-County pays Fort Campbell for recycles delivered to Bi-County
- Member since inception of Fort Campbell's Restoration Advisory Board
- Provide Recycling Education to Fort Campbell Schools
- Have provided Landfill Operation Training for Troops
- Troops and family have the use of Bi-County Convenience Centers
- Sponsor Angels of the Battlefield honoring battlefield medics.
- Sponsor Mickey Fisher Memorial sponsoring scholarships to APSU for dependents of wounded or fallen soldiers at Fort Campbell
- Potential Gasification Project with Fort Campbell

Environmental Benefits of Gasification

- Achieves extremely low SOx and NOx and particulate emissions as compared to combustion or incineration of MSW.
- Generates less greenhouse gas production impact from MSW than the landfill alternative.
- Substantially reduces solid waste to landfills (by up to 90%, or more), with only inert (non odor causing/ non GHE generating) materials going to landfill.
- Provides for onsite energy from waste tires, and bio-sludge as well as MSW.
- Provides for onsite sorting of for MSW for recovery of recyclable materials and optimization of refuse derived fuel formulation.
- Waste mix for Ft. Campbell will maximize dry C&D Waste content.
- All waste handling and sorting is indoors under negative pressure to eliminate fugitive emissions.

Comparison of WTE Technology Cost-Effectiveness

Description of Technology	Total RDF Quantity (Tpd)	Electricity per Tonne of RDF (MW- hr/T)	Cost of Plant Constructio n (\$M)	Electricity Produced per Day (kW-hr/day)	Unit cost per kW-hr/day (US\$/kW- hr/day)
Air Fed Gasification	250	0.77	\$30	192,500	\$155.84
Incineration	250	0.25	\$35	62,500	\$560.00
Plasma	250	0.35	\$60	87,500	\$685.71
Bio- Methanization	250	0.10	\$20	25,000	\$800.00

Notes:

- 1. Prices for construction and amount of electricity produced from USEPA, Alameda County, and DOD reports
- 2. Production of electricity from waste with moisture content of greater than 60 percent
- 3.Incineration requires external fuel of approximately \$43.84 per tonne to process wet waste through Boiler
- 4. Plasma requires external fuel of approximately \$200 to \$300 per tonne to process wet waste through Plasma Reactor
- 5. Air Fed Gasification and Bio-Methanization require no external fuel
- 6. Compost produced by Bio-Methanization has very bad odors, and requires aerobic treatment, incineration, or disposal in landfill.

Proposed Fort Campbell WTE Facility Oblique View



- Waste delivery, fuel processing and gasification are outside cantonment area.
- Power generations and switchyard are on Ft. Campbell property, as required for Energy Island designation.

Eston Glover
President/CEO
Pennyrile Rural Electric
Cooperative Corporation

Partnerships With Fort Campbell

- GAS
- WATER
- SOLAR AND ELECTRIC

- DRINKING WATER REDUNDANT SUPPLY - HWEA
- NATURAL GAS REDUNDANT SUPPLY
 - HWEA

• SOLAR AND ELECTRIC – PENNYRILE ELECTRIC

HOPKINSVILLE CHRISTIAN COUNTY KENTUCKY





Economic Impact

Ralph Schulz President Nashville Area Chamber of Commerce

Joint Metro Region



Single largest occupational group in combined MSA's is "military"

2X accountants and nurses

More than Technology, Architecture and Engineering combined



Maximum troop losses could result in the following impact in the first year:

A total employment loss of 37,000 jobs

GDP loss of \$5.7 BILLION

Personal income loss of \$2.5 BILLION

Total population loss of more than 43,000, taking more than a decade to recover



Ties between Fort Campbell and surrounding civilian communities run deep:

28% of Clarksville MSA employment is military

1,500 people annually move to Nashville MSA

Why? Because of jobs

Military GDP = 70% of state, local government, up from 53% in 2001



Personal income from Fort Campbell to the Clarksville & Nashville MSA's tops \$3.2 billion. That's more than:

Tourism/hospitality, education, arts, real estate, transportation, wholesale trade, nondurable manufacturing, and management of companies.



Drastic reductions at Fort Campbell would be equal to:

Complete removal of the automotive industry

Reduction of the tourism/hospitality industry by 1/2

Reduction of the music industry by 2/3

THERE IS NO STRONGER COMMUNITY SUPPORT IN THE U.S.

FORT CAMPBELL HAS EARNED ITS MISSION

Cal Wray Executive Director Clarksville-Montgomery County Economic Development Council

Fifth largest city in Tennessee

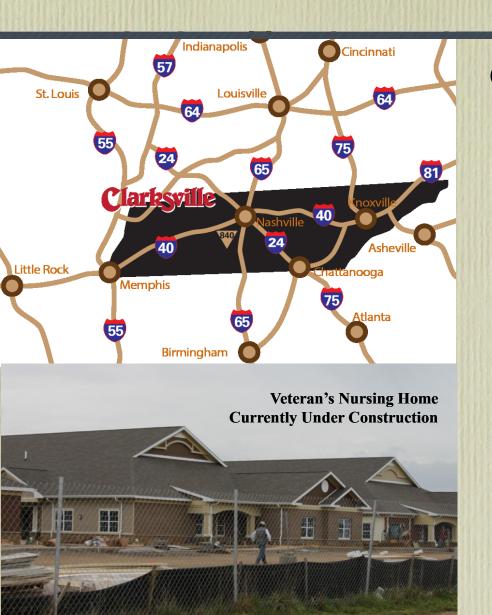
Second fastest growing MSA in the nation

Fastest growing city in Tennessee

16,000

15 New People A Day

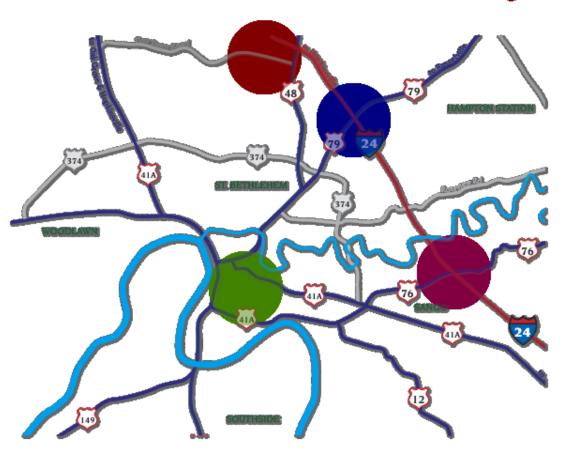
= 272,579



Clarksville Is In The Center Of 76% Of The Country's Population

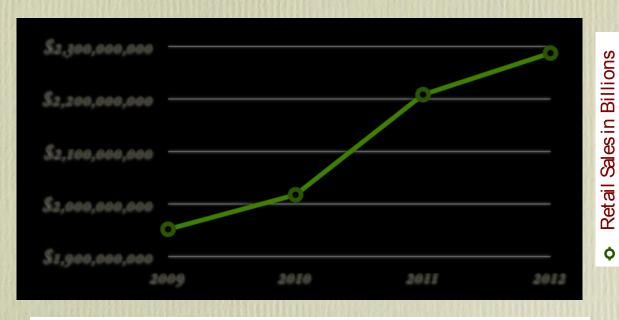
- Median Age of 30
- Youngest population in Tennessee
- 73% of Retirees Stay in Clarksville-Montgomery County
 - 65% Re-Enlistment Rate
- Per Capita Income Ranks 6th in the State Surpasses National Average of \$36,567

Clarksville has distinct retail sub districts, with many surpassing 35,000 vehicles in their Average Daily Traffic counts:



- Downtown Clarksville County seat of Montgomery County and historic downtown district, with destination restaurants and selected specialty stores; Riverside Drive sees almost 29,000 vehicles a day.
- Wilma Rudolph Boulevard/Guthrie Highway
 Corridor A five-mile long retail corridor connecting
 with Interstate 24 ADT counts of almost 37,000 vehicles
 per day near this location.
 - Exit xx/Madison Street Area ADT count averages
 21,000 vehicles per day.
- Trenton Road/Tiny Town Road Vast commercial development is taking place near the intersection of Tiny Town Road and Trenton Road, - ADT for Tiny Town Road is close to 25,000.

Over Last 5 Years - \$400 Million Increase in Retail Sales



Veteran Owned Firms			
	Clarksville	Nashville	
2007 Survey of Business Owners	MSA	MSA	
Veteran owned	2,167	16,760	
Equally veteran/nonveteran			
owned	1,000	5,974	

Nearly \$1 million of grant funding awarded to Workforce Essentials for advancement of mechatronics program at

Dickson County School System Kenwood High School in Montgomery County

Nashville State Community College is also committed to provide instructors at Fort Campbell outside the grant.

MOU submitted to ensure all three sites will be used to train soldiers

Elizabeth McCoy President Planters Bank

COL (R) Dr. Mac Edington Owner Clarksville Dental Center

Mike Evans Executive Director Clarksville-Montgomery County Industrial Development Board

We are PROGRESSIVE ACTIVE YOUNG We are

making Clarksville-Montgomery County and our region a desirable location for people who are looking to relocate.

Industry

- One in seven residents is new to Montgomery County
- Fastest Growing City in Tennessee, Second Fastest Growing MSA (Montgomery Co., Tenn., Trigg and Christian Co., Ky.) in the Country, Fifth Fastest Growing City in the Country
- Fort Campbell is the 4th largest military population within the Army
- Nearly 2/3 of the workforce lives in Montgomery County (Out of a 10 county regional analysis Montgomery, Stewart, Houston, Dickson, Cheatham, Robertson, Trigg, Christian, Todd, Logan)
- Attendance at AAAA Annual Conference to promote recruitment of employees in our targeted sector of aeronautics

Industrial Growth

2011 New Locations & Expansions:

Jostens – \$47 million investment, 500 new jobs

Bridgestone Metalpha - \$75 million expansion, 65 new jobs

Red Knight Distribution – \$4.1 million investment, 25 new jo

2012 New Locations & Expansions:

Agero – \$8.2 million investment, 525 new jobs

Akebono - \$82 million expansion, 124 net new jobs

Florim - \$60 million expansion, 33 new jobs

2013 New Location Announcement:

Hankook - \$800 million investment, 1800 new jobs

2014 Expansion Announcement:

Shiloh Industries - \$20.6 million investment, 153 new jobs



The Partnership of the Industrial Development Board, Soldier For Life Transition Assistance & American Job Center - Including Workforce Essentials

Works to create employment opportunities for active-duty spouses and soldiers that elect to stay in our region after they ETS







Many of our industrial partners located or expanded in the community because of the skilled & available workforce our military provides

"Hankook has made significant investment into this community...part of our decision making process was the troop strength and overall available work force out-processing every month from Fort Campbell."

- J. Rock Yoon, President/Managing Director, Hankook Tire Manufacturing Tennessee, LP

TIP Strategies, Austin, Texas – Labor Study 2007 & 2012

Identified the skill sets and intentions of our local separating military

Post-Military Intentions According to TIP Survey

Are you planning to stay in the region (within 30 miles of Fort Campbell)?*

Would you stay in the region if Desirable employment were available?*

2012 - Yes: 35%

2012 - Yes: 58%

The Average Industrial Location in Montgomery County - 35% of employees are military veterans

*A combined percentage of 'yes' and 'undecided' answers

Current Results of the Post Military Service Intent Survey Of Out-processing Soldiers

What type of post-military employment do you desire?

68% of results align with our four targeted industry sectors:

<u>Automotive</u>, <u>Aeronautics</u>, <u>Distribution/Transportation</u>, <u>Back Office</u>

What type of post-military employment does your spouse desire? 39% of results align with our four targeted industry sectors

Are you planning to stay in the region after your service ends: Yes -36.33%*

Would you stay in the region if desirable employment were available: Yes – 59.53%*

What improvements would positively affect your decision to remain in the region: Higher education opportunities – 34%



Military veterans employed at Clarksville's Bridgestone Metalpha plant hold their hands to their hearts as Daniel Christian of Clarksville sings a stirring acapella rendition of the "Star Spangled Banner."

COL (R) Mark Kelly Valerie Hunter-Kelly Owners/Realtors Air Assault Team

Housing		MARKET !				
Single/Multi Family Building Permits Issued (Clarksville-Montgomery County):						
2008	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	2014
1,709	2,292	1,068	1,908	2,505	1,464	1,478
Single Family Closed Sales (Montgomery, Cheatham, Stewart, Christian Counties):						
2008	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	2014
3,545	4,389	3,433	3,944	3,989	4,242	4,540

Estimated Impact Fort Campbell Strength Reduction:

Assumption: Sixty (60%) of Soldiers live in community. 25%-35% of all home sales to military members Average sales price of house sold is \$163,000

1,775 Average number building permits issued (8 years)

444-661 (25%-35%) Less building permits issued

4,012 Average number home sales for four counties (8 years)

2407 (60%) - 3209 (80%) – Less Home Sales • \$392.3M (60%) - \$523.1M (80%) – Less Home Sales

Estimated ten jobs lost per home built (Home Building Industry)

New housing permits remain ten (10%) percent below decade ending 2010 and forty (40%) percent below peak year (2006)

National Association of Homebuilders Survey for every 1,000 homes built

2,970 jobs created • \$162M in wage income (50% in construction sector) • \$111M in federal, state and local taxes and fees



In 2011, Clarksville showed the strongest rate of housing recovery in the state of Tennessee with 15% more closings occurring in 2011 than the previous year.

With the average cost of a home around \$163,000 and the average two-bedroom rent of \$660, Clarksville-Montgomery County is one of the most affordable places to live in the country.

Source: Clarksville Association of Realtors 2013

A GREAT PLACE TO LIVE



HOPKINSVILLE CHRISTIAN COUNTY K E N T U C K Y



Infrastructure

John Patterson Manager Clarksville Regional Airport



Meeting Space

Small Conference Room

- Seating Accommodation for up to 10 People
- Excellent for Discreet, Off-Site Business Meetings
- "Door to Door" Capability from Aircraft to Room

Large Meeting Room

- Accommodations for up to 100 People
- Offers Excellent Venue for Large Meetings / Gatherings
- Catering Areas Attached for Events and Gatherings

Both Include:

- Smart Technologies for Presentations, Media Viewing, Etc.
- Controlled Access Secluded from Normal Airport Operations

Runways and Ramp Areas

Runway 17/35

• **Dimensions:** 6000' x 100'

• Surface: Asphalt

• Weight Bearing: 60,000 lbs Single Wheel 90,000 lbs Dual Wheel

• Approaches: RNAV (GPS) RWY 17 RNAV (GPS) RWY 35 LOC RWY 35 VOR RWY 35

Runway 5/23

Dimensions: 4004' x 100'

• Surface: Asphalt

• Weight Bearing: 40,000lbs Single Wheel

60,000 lbs Dual Wheel

Other Information

• Identifier: CKV

• Field Elevation: 550'

• Airspace: Class D – Ft. Campbell Controlled Airspace

• **Towered:** No – Ft. Campbell Controlled Airspace

• Frequencies:

Unicom – 122.800 Weather – 134.575 Ft. Campbell Approach – 134.350 (Phone: (270) 798 – 6441)

• Fuel Services: 100LL and Jet-A w/Prist (Trucks used for refueling)

Upgraded Ramp Capabilities

Increase Weight Bearing to 90,000 lbs dual axel aircraft • Increase Weight Bearing to 60,000 lbs single axel aircraft
Enlarging Ramp Footprint for More Usable Space • Segregating Aircraft Operations for Increased Safety
Inclusion of Two Helicopter Landing Pads

Ft. Campbell Proximity

• The Clarksville Regional Airport Is:

- 2.5 Miles from Gate 4 (Main / Visitor Gate)
- 0.8 Miles from Gate 1
- 5.7 Miles from Center of Ft. Campbell Army Airfield
- 5.1 Miles from Center of Saber Army Airfield
- Located within Ft. Campbell's Class D Airspace
 - Ft. Campbell maintains control of all aircraft in immediate area

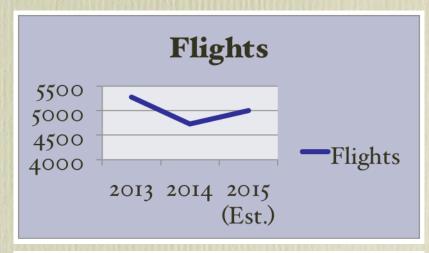
The Clarksville Regional Airport Provides:

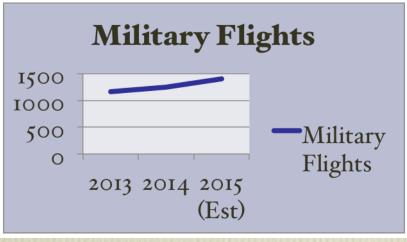
- Training areas and approaches for Ft. Campbell's pilots and aircrews
- A source of fuel for all aircraft (manned and unmanned) operating from Ft. Campbell
- A secured facility for other operational training missions
- A base of operations for Civilian DOD Contractors operating at/for Ft. Campbell on related missions
- Alternate facility for weather data gathering for flight crews at Ft. Campbell
- Alternate facilities for emergency operations (i.e. aircraft operations)



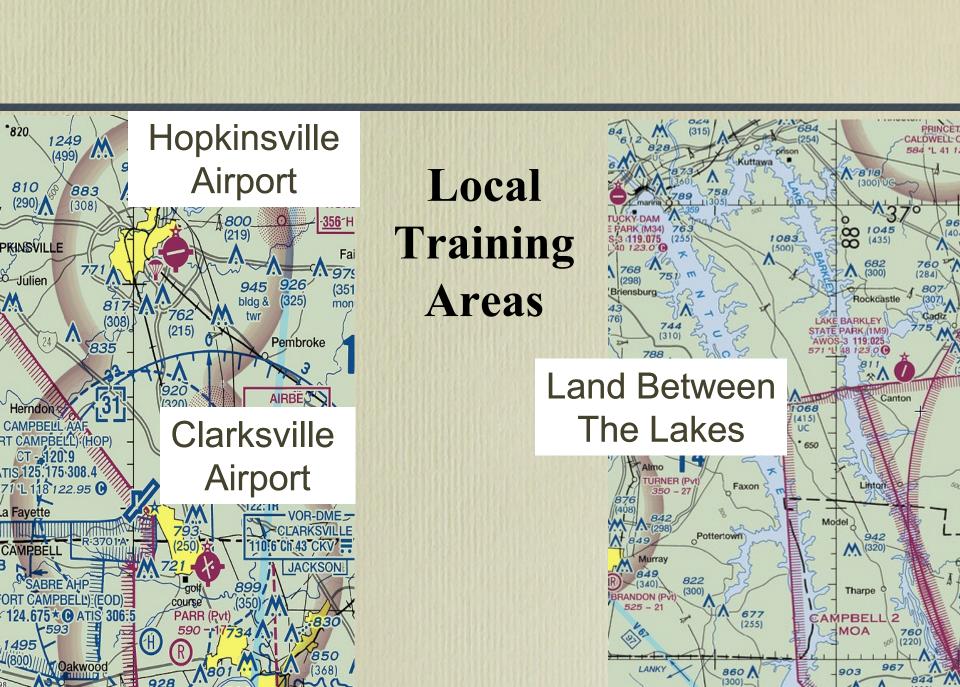
Services and Flights

- The Clarksville Regional Airport Provides:
 - Up to date, modern, and secure facilities for all uses.
 - Training Space for Military Operations
 - DOD Contractor Operations and Staging Base
 - The capability to handle large aircraft with improvements and expansions currently underway and in planning.
 - Upgraded Ramp Size and Weight Bearing
 - Lengthening and Strengthening of Runway 17/35
 - New Hangars being built for all types of aircraft
 - The ability to serve Ft. Campbell, Clarksville, and the surrounding communities in unique ways only available here.
 - Training Opportunities for Based Personnel (Private and Mission Spec.)
 - Just in Time Shipment services
 - Emergency Medical Services (Vanderbilt Life Flight)
 - Continual growth of the airport and its facilities.
 - Increased traffic numbers and usage of facility
 - Ever increasing number of based operations at facility
 - Planning for future airfield development
 - · Planning for new business opportunities at the airfield





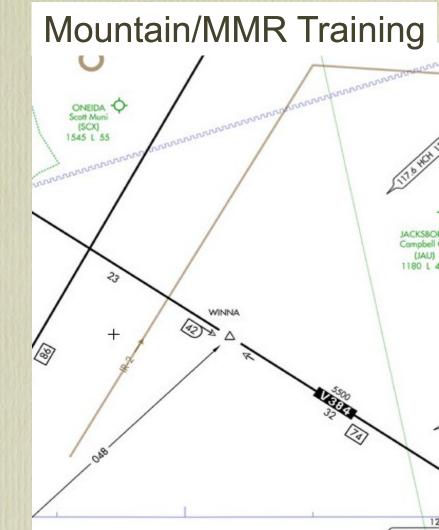
CW5 (R) Wade Ayala 160th Pilot & Businessman Hopkinsville



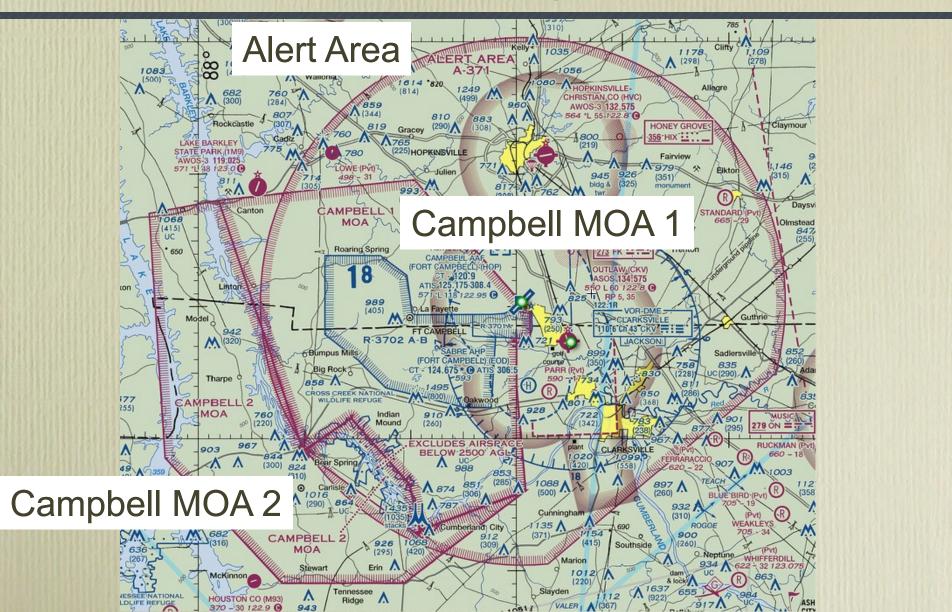
Local Training Areas

Nashville Urban Training





Local Training Areas





HOPKINSVILLE CHRISTIAN COUNTY KENTUCKY



Schools/Education

Dr. BJ Worthington Director Clarksville-Montgomery County School Systems

General Overview of School Systems

- There are more than 41,000 students in both districts.
- CMCSS and Christian County serve more than 9,000 military connected students.
- Both districts are ethnically and economically diverse.
- CMCSS and Christian County are among the largest districts in their respective states.
- CMCSS is the second largest employer in the county with 4,000+ employees.
- CMCSS is a STEM district.
- Both districts have an intense focus on reading and math.
- CMCSS and Christian County are accredited.
- CMCSS is ISO 9001 certified.
- Both districts are above the state averages in student attendance.
- Both are Members of Military Child Education Coalition.

Army Guidelines for School Success

- Neither CMCSS nor Christian County have any schools in the lowest quartile as measured by Army criteria.
- We provide a high quality education with an Impact Aid budget that is less than many other Army installations.

State Academic Target Success

- Graduation rates are above state and national averages: CMCSS 94% Christian County- 87.5%.
- CMCSS State Achievement grades for grades 3-8 are A- math, B-reading, A-social studies, A-science (one year's expected academic progress would rank a "C").
- CMCSS State achievement grades for grades 9-12 are making expected progress in tested academic subjects.
- CMCSS ACT composite scores are above the state average.
- Christian County schools are making expected gains.

Christian County Federal Academic Target Success

- All schools score in the top 30% in the state.
- Both high schools have met college and career readiness goals.
- The district has made significant achievement gains in the last three years.

CMCSS Federal Academic Target Success

- No schools are in the low performing status.
- Thirty-four percent of the schools are in the top five percent of the state in growth or achievement, or they are 'cusp' schools.
- One school is one of 17 of the highest performing schools in the state for growth and achievement. One school was the highest performing school in three-year growth and achievement last year.
- The district scores in the top 20%, with many schools in the top 10% in all measured content areas in grades 3-12.

High School Opportunities

- All high schools have smaller learning communities that are aligned with current and future job opportunities.
- CMCSS has a middle college high school on the Austin Peay State University campus.
- Advanced placement classes are available at all schools.
- Virtual Learning options and dual enrollment are exist in each high school.

Student Support

- Counselors partner with Fort Campbell for training on assisting students with parent and school transitions.
- After school programs are available for social and academic support.
- Student to Student programs exist in all high schools.
- Daily academic and social support is provided for students who are transitioning in and out of our school district.
- Specialized interventions are available for academic needs.
- CMCSS is an Exceptional Family Member Program District.

Military Parent Support

- Districts report parental support hours totaling approximately 4,000+ hours in the last four months.
- There has been an increase of parental connection to the student academic information system.
- Numerous military units partner with schools.
- Military parent focus groups meet twice yearly.
- Districts cooperate with parents during deployments.

CMCSS District Grant Awards Aiding Military Families

- CMCSS The STEM grant enabled 400 teacher externships.
- CMCSS AYPYN grant provides afterschool programs for Army youth to include academic tutoring.
- CMCSS and Christian County Parent engagement grant provides opportunities for military and other parents to become more engaged in their students' schools.
- CMCSS Labor Education Alignment grant (M2S2) This grant will create a mechatronics program in a high school to which Fort Campbell soldiers will have access.
- CMCSS Special needs students grant which provides for students with disabilities.
- CMCSS and Christian County The advanced placement grant provides additional support and incentives for AP students.
- CMCSS and Christian County More than \$8 million dollars have been earned in grant awards.

Student Success

- Both districts have regional, state and national award winners in curricular, extra-curricular, and co-curricular activities.
- More than \$40 million dollars was collectively earned in post- secondary scholarships last year from graduating seniors from both districts.
- TN HOPE Scholarship and Tennessee's Promise are extended to Fort Campbell students.

Staff Success

- Teachers and administrators have been recognized at the regional, state, and national levels.
- Military spouses and family members are hired as employees and are key contributors to the success of our districts.
- Staff has trained for more than 300,000 hours annually on cutting edge teaching and learning strategies.



Dr. Jay Allen President Hopkinsville Community College

Hopkinsville Community College has operated on-post since 1972; now operates a full-service center:

- •20 full-time faculty and staff; 30+ adjunct faculty
 - •Full degree programs; career and transfer ready

Hopkinsville Rotary Club through the HCC Foundation provides *tuition free* education for *every student* graduating in Christian County, Kentucky.

•Currently, 1,402 students military family members would be eligible upon graduation, which would total \$10,655,200.

Community College
HIGHER EDUCATION BEGINS HERE

HCC's Veterans Service Center had over **3900 visits** in 2014 to assist active duty, veterans, and family members:

- Veterans resources, referrals, and education benefits assistance
 - Open to all students, regardless of school affiliation

Hopkinsville Community College operates the National Testing Center:

- Facilitates CLEP, DSST, college proctored exams, and COMPASS placement assessment
 - In 2014, 1900 exams were facilitated by HCC personnel.

42% of Hopkinsville Community College's enrollment over the past four semesters consists of active duty soldiers, veterans, and family members.

HCC was selected by Military Times as the #6 two-year college in the Nation.

Dr. Alisa White President Austin Peay State University

APSU Center at Fort Campbell



ROTC Commissioning Ceremony



APSU Homecoming Game



James Lewis

Teacher & Clarksville City Councilman Ward 3



HOPKINSVILLE CHRISTIAN COUNTY K E N T U C K Y



Medical Services

Mark Marsh President & CEO Gateway Medical Center

Overview

- Within a 50-mile radius there are 8 major hospitals
- Within Clarksville-Montgomery County there are 3,449 healthcare workers
- Gateway Medical Center represents 1/8th and 35% respectively
- Our relationship with Ft. Campbell is vital

Workforce

- Approximately 10% of Gateway's workforce has some military affiliation (not including physicians)
- Proximity to Post allows us a wealth of expert healthcare professionals from which to recruit
- We have participated in clinical job fairs on Post in the past
- A reduction of staff at Ft. Campbell would have a negative effect on recruiting efforts for quality, qualified personnel

Military Makeup

- Gateway employs approximately 120 military-affiliated employees
 - Dependents = 6%
 - Former / Active Reserves = 4.75%
- GMC Medical Staff = approximately 30 physicians or 12% with an Army affiliation
 - A number of these are Reservists or are active military and have privileges at GMC
 - Newly recruited Neurosurgeon came from Tripler Army Medical Center and will hold clinics at BACH weekly

Professional Relationships - BACH

- Gateway Medical Center and BACH share supplies weekly
- Reciprocal relationship with BACH Pharmacy for drugs
 - 2014 = GMC borrowed \$7,974
 - 2014 = BACH borrowed \$4,651
- Mutually beneficial relationship between Labs for sharing supplies when otherwise unavailable
- BACH sends GMC stat testing when instrumentation is down
- Both hospitals transfer blood products during critical cases

Professional Relationships - BACH

- GMC Emergency Department and Cardiac Catheterization Lab work closely with BACH to achieve and maintain Chest Pain Accreditation for our communities
- Emergency Departments collaborate on Ebola training and readiness

Professional Relationships

• Several area emergency services and healthcare providers and hospitals work and train in conjunction regarding wide-spread disaster and emergency preparedness for the region.

Professional Relationships – Screaming Eagle

- SEMH sends GMC stat Lab tests to reduce turnaround time for certain cases
- SEMH sends GMC and other TRICARE network facilities urgent radiology needs

SEMH Community Benefits

- This community-based service allows convenient, closer proximity to military beneficiaries for Primary Care, Behavioral Health, Pharmacy and Lab services
- SEMH serves 8,100 empanelled lives and will expand to 11,500 later this year

Financial Impact

- GMC 2013 Tricare Net Revenue
 - = \$14,309,725 or 11%
 - = 1,846 inpatient admissions
 - = 25,172 outpatient registrations
- GMC 2014 Tricare Net Revenue
 - = \$13,332,411 or 10.5%
 - = 2,047 inpatient admissions
 - = 23,396 outpatient registrations

Lori Legaspi Assistant Vice President, Ancillary Services Jennie Stuart Medical Center

Tremendous area healthcare resources covering both sides of the state line, TN & KY

Extensive medical services in Christian County, KY and the surrounding western Kentucky region to include:

- •Cumberland Hall Hospital 97-bed facility focusing on emotional, behavioral and substance abuse issues, located 5 miles north of Ft Campbell Warrior Resiliency Program, specially trained for Soldiers and family members with issues relating to depression/anxiety, TBI, PTSD, combat stress, readjusting to civilian life, survivor's guilt and more. An entire wing specifically for active duty soldiers, designed with input from Ft Campbell leadership. Thirty percent of the residents are active duty soldiers.
- •Western Kentucky State Hospital 222-bed, acute care adult psychiatric facility
- •Medical Imaging providers/facilities
- •Behavioral or Mental Health facilities
- •Physical Therapy and Rehabilitation providers/facilities
- •Hopkinsville Community Based Outpatient VA clinic
- •Healthy primary care physician base, and an ever growing procedural/ specialist physician base

Jennie Stuart Medical Center – 194-bed acute care, not-for-profit, community hospital with the main campus and Eagle Way campus in Hopkinsville, as well as services in Guthrie and Trenton

Key services utilized by active duty and dependents:

- Medical Imaging Center and Express Lab
- Ambulatory Surgery Campus
- •Wound Healing Center 2 Hyperbaric Chambers, 94% heal rate
- •Physical Therapy, Rehabilitation & Sports Medicine
- •Pain Management
- •Sleep Disorders Center
- •Women's Health and Family services average 800 deliveries annually, 9% military dependents
- •Level III Neonatal Intensive Care Unit
- •Convenient Care Clinic walk-in after hours service

Other services:

- •Bariatric Program
- •Integrated physician practice network
- Cardiac and Pulmonary Rehabilitation
- •Home Health Agency
- •Occupational Health
- •EC Green Cancer Center nationally recognized

Efficiencies and use of resources

- •Robust applicant pool Ft Campbell and the local communities together have a strong shared pool, many with dual roles in support of both on and off post hospitals, other medical facilities and local physician offices.
- •Collaborative emergency response and disaster relief teams
- •Existing External Resource Sharing Agreement (ERSA) between Blanchfield Army Community Hospital (BACH), Jennie Stuart Medical Center (JSMC) and Humana Government Business for surgical and ambulatory services
- •Locum tenens physician coverage 15-20 active duty support the area's after hours needs
- •Specialist services provided on both sides of the state line are complementary to Ft Campbell's core service offerings

HOPKINSVILLE CHRISTIAN COUNTY K E N T U C K Y





Family/Veteran

Senator Dr. Mark Green State of Tennessee

Senator Whitney Westerfield Rep. John Tilley State of Kentucky

- Between 2000-2014, Kentucky has passed a number of bills that honor those in the Armed Services in both life and death.
 - Education & Employment:53
 - Honors & Benefits: 55
 - License Plates, Registrations, & Administrative Deadlines: 25
- HCR 138- Urges Congress to direct more resources and attention to providing treatment to combat military personnel and combat veterans suffering from PTSD and other Combat-related stress disorders.
- HB 607- Alternative teacher certification. Allow a five year statement of eligibility for teaching to be issued to a veteran who has completed a total of ten years of active duty service, ten years of service officially credited toward armed services retirement, or ten years combination of such service.
- SB 69-A new section of KRS Chapter 156 that allows an agreement among the states to remove barriers to educational success imposed on children of military families because of frequent moves and deployments.

Judge Andrew Self

- •VTC is a specialty court that targets veterans who have substance abuse issues, PTSD, or TBI and now find themselves in the criminal justice system
- •This is an alternative to incarceration that not only provides help but also equips the veterans to become product members of society
- •Utilizing a team approach, the VTC staff is able to match resources with needs as well as provide structure and accountability



HOPKINSVILLE CHRISTIAN COUNTY K E N T U C K Y



Quality of Life

Katie Gambill General Manager 5 Star Radio Group

Chairman
Clarksville Area Chamber of Commerce

Recreation:

- Clarksville-Montgomery County, TN offers a wealth of recreational facilities to all its residents to release stress, spend time with family and are available at no cost.
- In addition to the facilities located on the installation, Clarksville- Montgomery County offers:
 - 2 libraries
 - 34 parks with 644 park acres
 - Greenways and Blueway
 - 9 tennis courts
 - 7 golf courses
 - 5 swimming pools
 - 3 community centers
 - 2 movie theaters
 - 2 major festivals
 - 2 century rides
 - Liberty Park Marina
 - Beachaven Winery
 - Farmers' Market
 - **Customs House Museum**

- Clarksville- Montgomery County also host events that are included in the Fort Campbell Eagle Fitness Challenge that promotes healthy living and lifestyles among all age categories and fitness levels at Fort Campbell and surrounding communities.
- The Clarksville Area Chamber of Commerce host Warrior Week annually that offers events free of charge to the soldiers and their families to build a bridge of communication and camaraderie to help with mental and physical resiliency.
- Fort Campbell and the surrounding communities are more cohesive, physically fit and resilient while making healthy lifestyle choices.













- •Art Galleries and Public Art
- Beachaven Winery
- Civil War Trail
- Clarksville Greenway
- Clarksville Speedway
- Cumberland RiverWalk, McGregor Park and RiverCenter
- Customs House Museum and Cultural Center
- Dunbar Cave State Natural Area
- Fort Defiance Interpretive Center and Park
- Historic Collinsville
- L&N Train Station
- Montgomery County Courts Complex
- Public Square
- Roxy Regional Theatre
- Smith-Trahern Mansion

We Have Lots Of Things For Military Families To Do At Discounted or No Cost!

Outdoor Recreation • Fine Dining • Locally Owned and National Retail • History & Culture

Fun and Little to No Cost Events All Year Long









February-

Home & Garden Show

March-

Old Time Fiddler's Championship

April-

Rivers & Spires Festival

May-

Downtown Market
Pickin' On The Porch
Jazz on the Lawn
Queen City Road Race

June-

Cooling At The Cave

July-

Independence Day Celebration

September-

Frolic on Franklin

Riverfest

October-

Clarksville Edelweiss Oktoberfest Go Commando Half Marathon

December-

Clarksville Christmas Parade Christmas on the Cumberland

Attractions Within A Two Hour Drive

Fort Donelson, Dover, TN Stones River National Battlefield, Murfreesboro, TN Battle of Franklin, Franklin, TN Fort Defiance, Clarksville, TN Country Music Hall of Fame, Nashville, TN Frist Center for the Visual Arts, Nashville, TN Grand Ole Opry, Nashville, TN Opryland Hotel, Nashville, TN Opry Mills, Nashville, TN Jack Daniels Distillery, Lynchburg, TN Land Between the Lakes, Cadiz, KY Mammoth Cave National Park, Park City, KY Nashville Super Speedway, Lebanon, TN Natchez Trace Parkway Entry, Franklin, TN National Corvette Museum, Bowling Green, KY National Walking Horse Celebration, Shelbyville, TN The Hermitage, Nashville, TN Schermerhorn Symphony Center, Nashville, TN

Marion Jewell Realtor

Holly Boggess Director Hopkinsville Downtown Renaissance

A community full of history, culture, performing arts, entertainment and recreational opportunities:

- •Pennyrile Forest State Resort Park & Land Between the Lakes National Recreation Area
- •Camping
- Picnicking
- •Hiking
- •Fishing
- Boating
- Water Sports
- Wildlife Viewing
- •5 Public Golf Courses in our community and 30 within a 50-mile radious.
- •4 Recreational Complexes and more than 112 acres of Public Park
- •Tie-Breaker Family Aquatic Center
- •Hopkinsville Greenway System (Rail Trail) boasts 3.15 miles of paved walking & biking trails
- •Museums of Historic Hopkinsville-Christian County, The Hopkinsville Art Guild,

MB Roland Distillery, Casey Jones Distillery, Pennyroyal Scuba Blue Springs Resort.

- •Home to the Hoptown Hoppers
- •Signature Community Events in Support of Fort Campbell
- •Freedom Friday Chili Cook-Off
- •The Eagle Fitness Challenge Tour
- Veterans Honor Parade

Steve Estep Pastor Grace Nazarene Church

Rev. Buddy Slaughter Hopkinsville

- •Bereavement camps for children of fallen of soldiers that live in Hopkinsville and on post
- •PTSD Support Groups
- •1st Youth Service Corps- an outreach created by veterans that develops and instills the conduct and disciplines that is exclusive to soldiers in young men in the faith community. This too is therapeutic to the vets and soldiers involved
- Support groups for military spouses
- Supplemental counseling to soldiers returning from war

HOPKINSVILLE CHRISTIAN COUNTY K E N T U C K Y







Community Investment

Jim Durrett Mayor Montgomery County

Clarksville-Montgomery County School System

- •24 schools built since 1980 equaling a \$403 Million Investment
- •10,124 or 25% which are federally connected
- •close 4 schools and take 1,000 jobs

Community Investment

- •Industrial Park \$28 Million Invested between community
- •Outlaw Field \$3 Million Invested
- •VSO 28,000 veterans population served
- Non-profit Services
 - SAFE FREE counseling to soldiers, family members and veterans
 - REBOOT Combat Recovery Started at Ft. Campbell Now launching in Washington, DC!
 - KY Lake Sailing Club free, relaxing family getaways for wounded warriors



Kim McMillan Mayor City of Clarksville

Carter Hendricks Mayor City of Hopkinsville